

179/01406 A02



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Benny PESACH  
Serial Number: 09/508,567  
Filed: March 14, 2000  
For: THREE DIMENSIONAL DEPTH ILLUSION DISPLAY  
Art Unit: 2675  
Examiner: JORGENSEN, LELAND R.

Honorable Commissioner of Patents and Trademarks  
Washington DC 20231

RECEIVED  
JAN 0 8 2003  
Technology Center 2600

## AMENDMENT

Sir:

In response to the Office Action mailed September 5, 2002 please amend the application as follows:

## IN THE CLAIMS

Please replace claims 1, 5-9 and 27-29 with their amended versions, and add new claims 30-32:

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C1  
B1
1. (Amended) A device for displaying an image with an illusion of depth, comprising:
- a first surface, having the image thereon at least part of which image is modulated by a first pattern of substantially transparent features of periodic nature having a substantially constant period; and
  - a second surface, having the image thereon at least part of which image is modulated by a second pattern of features of periodic nature having a substantially constant period;
- wherein said first surface is intermediate an observer and said second surface;
- wherein said period of said second pattern differs incrementally from the period of said first pattern;
- wherein said period of at least part of at least one of said patterns has a variation;
- wherein said first and second surfaces are spaced apart by a distance larger than the period of either of said first and second patterns; and
- wherein said incremental difference in the periods of the patterns, said spacing between the first and second surfaces, and said variation in the period are selected such that

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